Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	43344	variable near4 (light or laser or led or emitt$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:50
L2	12184	fiber near2 pair	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:50
L3	106356	convert$5 near4 electrical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:50
L4	698038	modulat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:50
L5	31533	(determin$5 or detect$5 or measur$5 or calculat$5) near7 ((group near2 delay) or dispersion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:50
L6	14	L1 and L2 and L3 and L4 and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:50
L7	64	((determin$5 or detect$5 or measur$5 or calculat$5) near7 ((group near2 delay) or dispersion)) and (fix$2 near4 (wavelength or frequenc$5)) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:51
L8	50	(((determin$5 or detect$5 or measur$5 or calculat$5) near7 ((group near2 delay) or dispersion)) and (fix$2 near4 (wavelength or frequenc$5)) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5 and @ad<="20000615") or (((determin$5 or detect$5 or measur$5 or calculat$5) near7 ((group near2 delay) or dispersion)) and (fiber near2 pair) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:51

L9	64	((determin$5 or detect$5 or measur$5 or calculat$5) near7 ((group near2 delay) or dispersion)) and (fix$2 near4 (wavelength or frequenc$5)) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:51
L10	55	((determin$5 or detect$5 or measur$5 or calculat$5) near7 ((group near2 delay) or dispersion)) and (fix$2 near4 (light or laser or led or emitt$5)) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:51
L11	993	((variable near4 (wavelength or frequenc$5)) or (variable near4 (light or laser or led or emitt$5)) or (fix$2 near4 (light or laser or led or emitt$5)) or (fix$2 near4 (wavelength or frequenc$5))) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:52
L12	43344	variable near4 (light or laser or led or emitt$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:53
L13	106356	convert$5 near4 electrical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:53
L14	698038	modulat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:53
L15	296	L12 and L13 and L14 and (reference near2 (signal or frequency or pulse))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:53
L16	215409	((variable near4 (wavelength or frequenc$5)) or (variable near4 (light or laser or led or emitt$5)) or (fix$2 near4 (light or laser or led or emitt$5)) or (fix$2 near4 (wavelength or frequenc$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:53

L17	7848	((determin$5 or detect$5 or measur$5 or calculat$5 or monitor$5) near5 (characteristic$2 or dispersion or (group near2 delay))) with (fiber or waveguide or dut or (device near2 under near2 test))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:53
L18	130	L17 and L16 and L12 and L13 and L14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:53
L19	130	L17 and L16 and L12 and L13 and L14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:54
L20	5625	(convert$5 near4 electrical) with (reflect$5 near4 (light or beam or signal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:54
L21	46	L19 and L20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:54
L22	46	L19 and L20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:55
L23	413308	((first and second) or ((one or first) and (other or another or opposite))) near4 direction	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:55
L24	4	L22 and L23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:55
L25	64	((determin$5 or detect$5 or measur$5 or calculat$5) near7 ((group near2 delay) or dispersion)) and (fix$2 near4 (wavelength or frequenc$5)) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:55

L26	50	(((determin$5 or detect$5 or measur$5 or calculat$5) near7 ((group near2 delay) or dispersion)) and (fix$2 near4 (wavelength or frequenc$5)) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5 and @ad<="20000615") or (((determin$5 or detect$5 or measur$5 or calculat$5) near7 ((group near2 delay) or dispersion)) and (fiber near2 pair) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:55
L27	64	((determin$5 or detect$5 or measur$5 or calculat$5) near7 ((group near2 delay) or dispersion)) and (fix$2 near4 (wavelength or frequenc$5)) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:55
L28	55	((determin$5 or detect$5 or measur$5 or calculat$5) near7 ((group near2 delay) or dispersion)) and (fix$2 near4 (light or laser or led or emitt$5)) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:55
L29	55	(L25 or L26 or L27 or L28) and L23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:55
L30	55	(L25 or L26 or L27 or L28) and L23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:58
L31	44	L30 and L1 and L3 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:58
L32	4324	(356/73.1,364,365,366,367,368, 369).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 09:59

L33	2130	(250/225,227.14,227.15,227.16, 227.17).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 09:59
L34	9658	(385/11,15,24,27,39,122).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 09:59
L36	15577	L32 or L33 or L34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 09:59
L38	138	L36 and L3 and L4 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 10:00
L39	25	L38 and L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 10:00
L40	9	(((((first and second) or ((one or first) and (other or another or opposite))) near4 direction) and (convert$5 near4 electrical) and (((variable near4 (wavelength or frequenc$5)) or (variable near4 (light or laser or led or emitt$5)) or (fix$2 near4 (light or laser or led or emitt$5)) or (fix$2 near4 (wavelength or frequenc$5))) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 10:00

| L41 | 9 | (((first and second) or ((one or first) and (other or another or opposite))) near4 direction) and (convert$5 near4 electrical) and (((variable near4 (wavelength or frequenc$5)) or (variable near4 (light or laser or led or emitt$5)) or (fix$2 near4 (light or laser or led or emitt$5)) or (fix$2 near4 (wavelength or frequenc$5))) and (opposite near3 direction) and (convert$5 near4 electrical) and modulat$5)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/15 10:01 |
| L42 | 4 | L41 and (reference near2 signal). clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/15 10:01 |